

SPECIFICATIONS: 150mm x 300mm #S1215001

Input Pressure	.41 MPa (60psi)
Ideal Load N (lbs)	11121 (2500)
Stiffness N/micron (lbs/u in)¹	1645 (9.33)
Flow NLPM (SCFH)¹	4.2 (9.0)
Fly Height¹	5 microns
Bearing Size	150mm x 300mm
Bearing Height mm (in)	100 (3.94)
Bearing Weight grams (oz.)	6693 (236.1)
Housing Material/Finish	Aluminum/Anodized
Porous Media Material	Carbon
Bearing Face Surface Size - Carbon mm (in)	146.89 x 296.88 (5.78 x 11.69)
Flatness mm (in)	0.0005 (0.00002)
Ball Socket Size	25mm
Pressure Port Thread	M5 x 0.8
Viable Pressure Range	.414-.552MPa (60psi - 80psi)
Maximum Allowable Pressure Supply	.689 MPa (100psi)
Resolution³	Infinite
Maximum Speed⁴	50m/sec
Common Guide Surfaces	Granite, hard-coated aluminum, ceramics, glass, stainless steel, plated steel
Suggested Guide Surface Finish⁵	16 RMS